

06/28/2008

Application No. 10/596,359

April 24, 2008

Reply to the Office Action dated January 28, 2008

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AMENDMENTS TO THE SPECIFICATION:

Please amend paragraph [0177] as follows:

A method for improving performance of a boundary acoustic wave device using the structure in which the band width is adjusted by changing the electromechanical coefficient k^2 using the propagation direction may be applied to various structures besides the above-described ladder filter in which the steepness in the vicinity of the pass band is increased. For example, as shown in Fig. 40, the above method may be applied to a two-input and two-output filter chip having two bands in which an Rx filter 41 and a Tx filter 42 are provided to form one chip. In this case, the pass band of the Rx filter 41 and that of the Tx filter 42 are, for example, as shown in Fig. 41. In Fig. 41, a method equivalent to that described above may be performed, that is, for example, the steepness at a low frequency side of the pass band of the Rx filter may be increased, or the steepness at a high frequency side of the pass band of the Tx filter may be increased. In addition, as shown in Fig. 42, the above-described method may also be applied to a one-input and two-output filter having two bands in a manner equivalent to that described above. In the filter shown in Fig. 42, input of the Rx filter 43 and that of the Tx filter 44 are connected to each other.